

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/000801

## A. CLASSIFICATION OF SUBJECT MATTER

## IPC7 A61L 27/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A01N 43/04, A61K 38/00, A61K 38/08, A61L 27/00, C07K 7/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKIPASS, WPI, USPTO, PAJ "bone graft, scaffolding, osteogenesis, peptide, tissue growth factor, bone morphogenetic protein, RGD, etc."

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2000-143697 A (Yoshihiko Nishimura, et al., JP) 26 May 2000	1, 10
Y	- see the whole document	4 - 9, 13 - 22
X	JP 09-157181 A (Hoechst Japan Ltd., JP) 17 Jun 1997	1, 2, 10, 11
Y	- see the whole document	3, 7 - 9, 12, 16 - 22
A	KR 2001-55742 A (Oscotec Inc.; KR) 04 Jul 2001	1 - 22
	- see the whole document	
A	US 5461034 A (Yissum Research Development Co. of the Hebrew Univ. of Jerusalem, Israel) 24 Oct 1995	1 - 22
	- see the whole document	
A	US 5942496 A (The Regent of the Univ. of Michigan, US) 24 Aug 1999	1 - 22
	- see the whole document	

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search

12 JULY 2005 (12.07.2005)

Date of mailing of the international search report

12 JULY 2005 (12.07.2005)

Name and mailing address of the ISA/KR

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**Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)**

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

## a. type of material

a sequence listing  
 table(s) related to the sequence listing

## b. format of material

in written format  
 in computer readable form

## c. time of filing/furnishing

contained in the international application as filed  
 filed together with the international application in computer readable form  
 furnished subsequently to this Authority for the purposes of search

2.  In addition, in the case that more than one version or copy of a sequence listing and/or table, relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2005/000801

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2000-143697 A	26 May 2000	EP 1006126 A2 US 6617307 BA	07 Jun 2000 09 Sep 2003
JP 09-157181 A	17 Jun 1997	CA 2236335 A EP 865446 A1 US 6194380 B1 WO 9721726 A1	19 Jun 1997 23 Sep 1998 27 Feb 2001 19 Jun 1997
KR 2001-55742 A	04 Jul 2001	None	
US 5461034 A	24 Oct 1995	AU 6974994 A1 CA 2010660 A DE 69029415 T2 EP 384731 B1 JP 7103156 B WO 9500166 A1	17 Jan 1995 23 Aug 1990 03 Apr 1997 18 Dec 1996 08 Nov 1995 05 Jan 1995
US 5942496 A	24 Aug 1999	AU 1968695 A1 DE 69513149 T2 EP 741785 B1 JP 3054634 B2 WO 9522611 A2	04 Sep 1995 21 Jun 2000 03 Nov 1999 19 Jun 2000 24 Aug 1995